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Practitioner's Docket No. MSU 4.1-553

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number: 7,090,824

Issued: August 15, 2006

Name of Patentee: Thomas J. Pinnavaia, Zhaorong Zhang and Randall Hicks

Title of Invention: MESOSTRUCTURED TRANSITION ALUMINAS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**Certificate
FEB 26 2007
of Correction**

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT
FOR PTO MISTAKE (37 C.F.R. § 1.322(a))**

NOTE: "If such a request for correction was incurred through the fault of the United States Patent and Trademark Office (Office), and is clearly disclosed in the records of the Office, and is accompanied by documentation that unequivocally supports the patentee's assertion(s), a Certificate of Correction will be expeditiously issued. Such supporting documentation can consist of relevant photocopied receipts, manuscript pages, correspondence dated and received by the Office, photocopies of Examiners' responses regarding entry of amendments, or any other validation that supports the patentee's request so that the request can be processed without the patent file." Notice of September, 17, 2002, 1262 OG 96.

1. Attached is PTO/SB/44 (also FORM PTO/1050) in a form suitable for printing.

NOTE: Form PTO-1050 (or PTO/SB/44), using the column and line number in the printed patent, should be used exclusively regardless of the length or complexity of the subject matter. M.P.E.P. § 1485, 8th ed., Rev. 2.

NOTE: The patent grant should be retained by the patentee. The PTO does not attach the certificate of correction to the patentee's copy of the patent. The patent grant will be returned to the patentee if submitted. M.P.E.P. § 1485, 8th ed., Rev. 2.

2. The exact page and line number where the errors are shown correctly in the application file are:

NOTE: The exact page and line number where the errors occur in the application file should be identified on the request. However, on form PTO/SB/44, only the column and line number in the printed patent should be used. M.P.E.P., § 1485, 8th Edition, Rev. 2.

Column 9, line 16 (**See Amendment filed 02/24/2003, page 3, lines 1-10 which amends page 20, line 19 through page 22, line 5 of the specification**), after "catalyst" the following should be inserted:

-component, owing primarily to the higher available surface areas and pore volumes. In addition to being an improved ingredient for the fluidized catalytic cracking and hydrocracking of petroleum, the mesostructured transition aluminas of this invention also should be useful catalyst components for many other chemical conversions, including the hydrodesulfurization of petroleum, the steam reforming of hydrocarbons, ammonia synthesis, and many other heterogeneous catalytic processes.-

Column 14, line 21 (**Page 34, line 7**), "from Al(NO₃)₃" should be -from Al(NO₃)₃-.

FEB 27 2007

3. Please send the Certificate to:

Name: IandC. McLeod

Address: IAN C. MCLEOD, P.C.

2190 Commons Parkway, Okemos, Michigan 48864

(complete, if applicable)

Signature(s) of patentee(s)

or

(type or print name of assignee)

☐ Assignment recorded on


Signature of assignee or person authorized to
sign on behalf of assignee

Ian C. McLeod

(type or print name of authorized person signing)

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☐ Recordal of assignment attached

☐ Attached is a "STATEMENT UNDER 37 CFR 3.73(b)," establishing the right of the assignee to take action in this case.

NOTE: "A certificate of correction, under 35 U.S.C. 254, may be issued at the request of the patentee or [the patentee's] assignee." 37 C.F.R. § 1.322(a). The certificate of correction can be signed by the attorney of record who acts on behalf of the inventor(s) or assignee(s).

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UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7,090,824

DATED : August 15, 2006

INVENTOR(S): Thomas J. Pinnavaia, Zhaorong Zhang and Randall Hicks

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

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Column 14, line 21, "from $\text{Al}(\text{NO}_3)_3$ " should be -from $\text{Al}(\text{NO}_3)_3^-$.

MAILING ADDRESS OF SENDER (Please do not use customer number)

PATENT NO. 7,090,824

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